

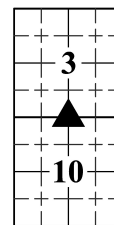
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: Jackson_E15

Quarter Corner

Sections 3 & 10 - T06N - R03W, 2nd P.M.

Jackson Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" diameter by 24" long rebar with an orange plastic cap stamped "OSER IN PS# 21100022" was set 1" above grade through the broken base of an 8" x 3" stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is on the east side of a small section of north/south wire fence, approximately 6 feet south of the south right-of-way fence of I69 and approximately 7 feet north of a wire pasture fence heading east.

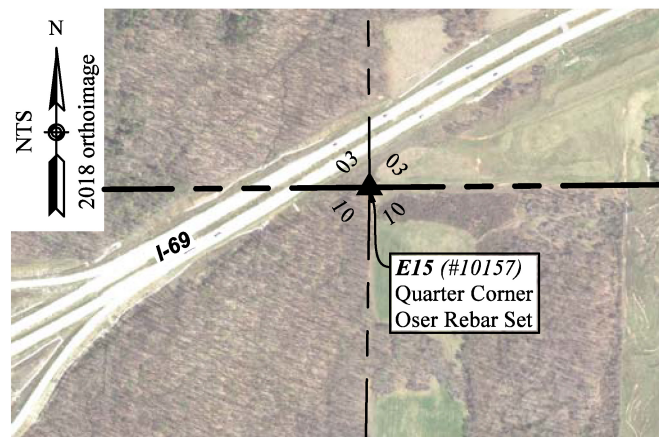
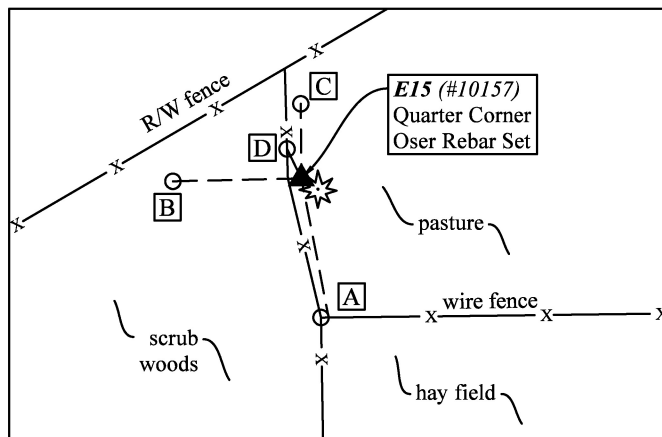
GEODETIC COORDINATES: (OSM #10157)

Northing	Easting	Datum
310348.87	892916.85	InGCS Greene Zone, US Survey Feet
1358358.37	3053523.28	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 11° E	7.4'	2" mag nail and 1-1/2" orange plastic disc set 12" above grade on the east side of an 8" wood post with fence to the north, east, and south
B	S 88°43'47" W	6.69'	1" iron pin in 12" x 12" concrete
C	N 0°28'04" W	3.87'	1" iron pin in 12" x 12" concrete
D	N 25° W	1.7'	Greene County Survey Marker sign attached to a t-post in a north/south fence

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyor F.B. Cressy measured to this corner in 1847, but he did not describe the monument or take any new witnesses. In 2010, Matthew Badger found a 4" x 8" unmarked stone embedded in the root system and on the west face of a tree base at the intersection of woven wire fence lines from the north, east, and south. When we visited the site in 2022, we found that the tree had been cut down (it's now a 30" stump), new fences had been constructed, and the top of the stone was broken off and in three pieces. The base of the stone was still solidly planted in the ground. The first photo below shows the broken pieces of the top of the stone sitting on the base of the stone.

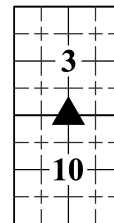
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We were unable to remove the base of the stone because it is embedded in tree roots on two sides and concrete on another. We set a rebar through the base of the stone (second photo) and refilled the hole leaving our rebar 1" above grade (third photo).

The origin of the unmarked stone is unknown, but it is consistent with the type of stones set by the Greene County Surveyors of the mid-1800. The stone first appeared in the survey record in 2010, and has been consistently accepted on subsequent surveys. We accepted it as the corner by common report.

The fourth photo shows one of the two 1" iron pins in concrete near the corner (depicted as witness ties B and C on the sketch above). The iron pins are somewhat confusing, because they are the type of monument typically set by INDOT to monument section corners. In this case, they appear to have been set as witnesses to the stone. One pin monuments the intersection of the right-of-way with the south line of the southwest quarter of Section 3 and the other monuments the intersection of the right-of-way with the east line of the southwest quarter of Section 3.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P342

Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
20" White Oak	S 40° W	9.9'
10" Hickory	S 88° E	36.3'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
12/1847	Cressy, F.B.	Legal Survey in Section 10	LSB1, pg 177
12/7/2010	Badger, Matthew G.	Woodyard Site in Sections 3, 4, & 10 (<i>accepted stone</i>)	2011-2908
3/3/2011	Sweetland, Edward J.	Location Control Route Survey, I69 Section 4, Segment 4, West Zone, Greene County	2011-0881
3/3/2011	Sweetland, Edward J.	Location Control Route Survey, I69 Section 4, Segment 4, East Zone, Greene County	2011-0880

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: No record was found of a historic legal survey to establish this corner. Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know if the monument found at this corner is in the original location. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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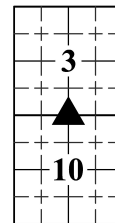


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.



Photo Orientation & Description: Photo #1
Top of stone broken in three parts



Photo Orientation & Description: Photo #2
Rebar driven through stone



Photo Orientation & Description: Photo #3
Capped rebar at E15



Photo Orientation & Description: Photo #4
Looking west with rebar at E15, Greene County Survey Marker sign, Witness C (1\"/>

FIELD PERSONNEL:

Field Date: 1/28/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226B Corner Perpetuation Survey for Jackson Township Sections 03, 04, 09 & 10, Township 6 North, Range 3 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

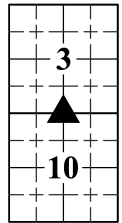
Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a

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conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com



This document is not complete without the associated plat and report of even date.

Date: 2/25/2022